

Date: Wed, 31 Mar 93 01:32:14 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #397
To: Info-Hams

Info-Hams Digest Wed, 31 Mar 93 Volume 93 : Issue 397

Today's Topics:

 "Technician" class means what?
 \$40.00 Radio Shack SWR meter problems
 ARRL BULLETIN 33
 Callsign server went where? (2 msgs)
Daily Solar Geophysical Data Broadcast for 30 March
ICOM Remote control and MARS frequencies
 no-coders, <deleted> of the earth
 OHOMAM qsl info!
 Q values.
RFD: rec.radio.amateur reorganization
 SBE ## 33 circuit diagram needed
 Simplex autopach
Wanted: thoughts on glass mount ants

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Mon, 29 Mar 1993 19:14:34 GMT
From: usc!zaphod.mps.ohio-state.edu!sdd.hp.com!hpscit.sc.hp.com!hplextra!hpfcs!
myers@network.UCSD.EDU
Subject: "Technician" class means what?
To: info-hams@ucsd.edu

> I recently got my ticket, and yesterday realized that I'm not sure it's
> marked correctly. When I did the tests, I took and passed the 5wpi at
> the same time as the written elements. I was expecting a "tech+hifi"
> on my licence, but it just says "technician" on it. Is this correct or

> a mistake? Does "N8XBK" indicate anything about the class of licence
> it's good for?

Nope; a Tech is a Tech, and there is no distinction as far as call, etc., between "code-free" and otherwise. Of course, Uncle Charlie knows who's who, so the code-free Techs better not let themselves be caught on the HF bands. A silly distinction, really, since the best way to learn CW is to get out there and try it, and there's no place like the Novice HF bands for doing this. Were it not for certain international agreements (which have been ignored in the past anyway, for other services), the sensible thing to do would be to eliminate the 5-wpm test altogether, but keep the restriction that Tech and Novice HF operation be CW-only.

Bob Myers	KC0EW	Hewlett-Packard Co.	Opinions expressed here are not
		Systems Technology Div.	those of my employer or any other
myers@fc.hp.com		Fort Collins, Colorado	sentient life-form on this planet.

Date: Mon, 29 Mar 93 22:18:40 GMT
From: usc!cs.utexas.edu!geraldo.cc.utexas.edu!slcs.slb.com!leo.asc.slb.com!sjsca4!
jones@network.UCSD.EDU
Subject: \$40.00 Radio Shack SWR meter problems
To: info-hams@ucsd.edu

mei.mon (mei.mon@mixcom.mixcom.com) wrote:
: They were out, so the salesman said Radio Trash had the same one (with
: the RS logo) for only \$40.00. Well they did, so I bought it. However,
: it appears to be WAY OFF.
:
: I plugged in my Alinco DJ580T running at 5 watts on 446 MHz and tested
: SWR and power output into my Cushcraft mag-mount mobile. Radio Shack's
: little dream machine said SWR was only 1.1 (okay maybe it IS that good)
: and that power output was 12 Watts! I know for sure that the DJ580 does
: NOT put out 12 watts! Does anyone else out there have experience with this
: thing (or the Commet version)?

Actually, I wouldn't be all that suprised if your DJ580T is putting out more than rated power. Don't forget the correction table on the back of the meter, though.

My meter claimed that my DJ-F1T was putting out nearly 3 watts on the 2 watt setting. I was dubious of this, but a few weeks ago, I had an opportunity to use the Arizona Repeater Association's \$10,000 "station monitor", which, amongst many other functions, includes a digital RF power meter. It said that my DJ-F1T was putting out 2.6 watts on the 2 watt setting, about 0.60 watts on the 1 watt setting, and about 0.06 watts on

the 0.1 watt setting. I didn't have the opportunity to try it on 13.8 volts to get 5 watts out of my radio, but I'm sure it would be putting a lot more than 5 watts out in reality.

73,
Clark

--

Disclaimer: The opinions expressed above are mine and not those of Schlumberger because they are NOT covered by the patent agreement!

Phone: (602) 345-3638 RF: N7RPQ
Snail: Clark Jones, Schlumberger Technologies, 7855 S. River Pkwy #116, Tempe,
AZ 85284-1825

Date: 31 Mar 93 10:02:57 GMT
From: news-mail-gateway@ucsd.edu
Subject: ARRL BULLETIN 33
To: info-hams@ucsd.edu

>FINALLY, AMATEUR OPERATION IN THE 219-220 MHZ BAND WOULD BE LIMITED
>TO 56 KILOBAUDS AND A MAXIMUM BANDWIDTH OF 100 KHZ, ALTHOUGH FCC
>REQUESTS COMMENTS ON RELAXING THE 56-KB LIMIT.

Sheesh, how long will the ARRL/FCC continue to impose baud-rate restrictions? Havent they heard of advanced modulation methods? Presumably they will also expect you to use ASCII or 5-bit Murray code..... (or CW? or Semaphore?? :-) :-))

Surely they should just specify that 'the energy comprising any transmission shall be limited to a bandwidth not exceeding 100KHz', rather than specifying the maximum rate of state-transitions.....

-Pete Lucas G6WBJ pjml%swmis.nsw.ac.uk@nsfnet-relay.ac.uk
'We are Not Amused' -Victoria Regina.

Date: Wed, 31 Mar 1993 01:18:10 GMT
From: panix!oppedahl@nyu.arpa
Subject: Callsign server went where?
To: info-hams@ucsd.edu

In <1993Mar30.160513.29562@cbnews1.cb.att.com> dara@cbnews1.cb.att.com (s.b.darack) writes:

>In article <C4oB4G.51E@rahul.net>, davidj@rahul.net (David Josephson) writes:

>> Anyone know the current site for the callsign database server?
>> marvin.cs.buffalo.edu is not awake.
>>
> Instead of "marvin" use "callsign"

Yes, but be sure to include the port number of 2000.

--
Carl Oppedahl AA2KW (intellectual property lawyer)
30 Rockefeller Plaza
New York, NY 10112-0228
voice 212-408-2578 fax 212-765-2519

Date: Tue, 30 Mar 1993 18:26:33 EST
From: anomaly.sbs.com!n1mpq!news@uunet.uu.net
Subject: Callsign server went where?
To: info-hams@ucsd.edu

davidj@rahul.net (David Josephson) writes:

> Anyone know the current site for the callsign database server?
> marvin.cs.buffalo.edu is not awake.

Try callsign.cs.buffalo.edu instead.

Tony

-- Anthony S. Pelliccio, kd1nr // A man who feels sees life as //
-- system @ garlic.sbs.com // a tragedy, a man who thinks //
-----// sees life as a comedy. (This //
-- Flame Retardent Sysadmin // was in my fortune cookie!) //

-- This is a calm .sig! --

Date: 31 Mar 93 06:08:24 GMT
From: news-mail-gateway@ucsd.edu
Subject: Daily Solar Geophysical Data Broadcast for 30 March
To: info-hams@ucsd.edu

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 089, 03/30/93
10.7 FLUX=129.0 90-AVG=133 SSN=104 BKI=3333 3522 BAI=017

BGND-XRAY=B1.6 FLU1=2.5E+05 FLU10=1.3E+04 PKI=3333 4433 PAI=016
 BOU-DEV=027,026,025,022,038,075,019,016 DEV-AVG=031 NT SWF=01:009
 XRAY-MAX= M2.6 @ 0105UT XRAY-MIN= B1.4 @ 0806UT XRAY-AVG= B6.2
 NEUTN-MAX= +002% @ 0435UT NEUTN-MIN= -003% @ 1945UT NEUTN-AVG= -0.4%
 PCA-MAX= +0.1DB @ 2125UT PCA-MIN= -0.3DB @ 0135UT PCA-AVG= -0.0DB
 BOUTF-MAX=55410NT @ 0024UT BOUTF-MIN=55370NT @ 1627UT BOUTF-AVG=55395NT
 GOES7-MAX=E:+122NT@ 0724UT GOES7-MIN=N:-016NT@ 0753UT G7-AVG=+068,+049,+010
 GOES6-MAX=P:+123NT@ 1530UT GOES6-MIN=N:-132NT@ 0714UT G6-AVG=+082,-008,-060
 FLUXFCST=STD:135,145,150;SESC:135,145,150 BAI/PAI-FCST=015,010,010/015,010,010
 KFCST=2104 5011 2103 4011 27DAY-AP=027,021 27DAY-KP=4454 5343 6443 2331
 WARNINGS=*SWF
 ALERTS=**MINFLR:M2.6/1B@0105,N04E31(7461);**SWEEP:II=2@0103UTC;
 **TENFLR:250SFU@0105UTC
 !!END-DATA!!

NOTE: The Effective Sunspot Number for 29 MAR 93 was 72.0.

 Date: 30 Mar 93 18:23:56 GMT
 From: opel!slc1!vk2bea!michael@uunet.uu.net
 Subject: ICOM Remote control and MARS frequencies
 To: info-hams@ucsd.edu

I have an ICOM 260A (all mode two metre) transceiver. It is an older vintage unit (circa early eighties I guess), and doesn't have an obvious 'diode to cut' to get extended frequency operation. I would like to use the unit on the 2 metre MARS frequencies. I think I can do this by intersepting the signals going to the PLL divider, and mapping them to the new frequency (say add or subtract a MHz) with a ROM.

Another approach, which might be neater, is to just use the remote control input to tell the transceiver to go to the MARS Frequency directly.

My question.....

Does any one know if the transceiver will throw out the command if it isn't in the range 144-148MHz? Does anyone out there have experience with the 4-bit parallel ICOM remote control, who has tried (or could try) this sort of thing?

I'll probably build one anyway because the radio has only two simplex memory channels, and it takes a week of Sundays to tune from one end of the band to the other.

--

Michael Katzmann

> Broadcast Sports Technology Inc.

~~~~~< Crofton, Maryland. U.S.A  
Amateur Radio Stations: >  
NV3Z / VK2BEA / G4NYV / AAR3VK < ope1!vk2bea!michael@uunet.uu.net

-----  
Date: Tue, 30 Mar 93 21:29:57 GMT  
From: usc!cs.utexas.edu!geraldo.cc.utexas.edu!slcs.slb.com!leo.asc.slb.com!sjsca4!  
jones@network.UCSD.EDU  
Subject: no-coders, <deleted> of the earth  
To: info-hams@ucsd.edu

With all this talk about no-codes, it makes a "fortune cookie" I got on  
logging out especially apropos:

"Beware of the man who works hard to learn something, learns it, and  
finds himself no wiser than before," Bokonon tells us. "He is full of  
murderous resentment of people who are ignorant without having come by  
their ignorance the hard way."

-- Kurt Vonnegut, "Cat's Cradle"

For the humor-disadvantaged: ;-) ;-) ;-) ;-)

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Disclaimer: The opinions expressed above are mine and not those of Schlumberger  
because they are NOT covered by the patent agreement!

Phone: (602) 345-3638 RF: N7RPQ  
Snail: Clark Jones, Schlumberger Technologies, 7855 S. River Pkwy #116, Tempe,  
AZ 85284-1825

-----  
Date: 30 Mar 1993 12:19:14 +0300  
From: mcsun!news.funet.fi!news.cs.tut.fi!butler.cc.tut.fi!lehtori.cc.tut.fi!not-  
for-mail@uunet.uu.net  
Subject: OH0MAM qsl info!  
To: info-hams@ucsd.edu

Hello!

Someone lately asked qsl info for Jukka OH0MAM . His homecalls  
are OH2MAM and OH1XM, and his adress is : Jukka Kulha, P.O.Box 73,  
00521 Helsinki, Finland, EUROPE. He was on the WPX-contest last  
weekend on Aland Is, but I don't know yet how many qsos He made  
this time.

73 de pete, oh3mep

(qrv as OH0MEP on 3rd-10th of april 1993)

-----  
Date: Mon, 29 Mar 1993 19:10:41 GMT  
From: usc!wupost!zaphod.mps.ohio-state.edu!sdd.hp.com!hpscit.sc.hp.com!hplextra!  
hpfcso!myers@network.UCSD.EDU  
Subject: Q values.  
To: info-hams@ucsd.edu

> Q, or quality factor, is a simple, but widely misunderstood parameter  
> of tuned circuits. In the simplest terms,  $Q = X/R_s$ . It's just the ratio  
> of the reactance to the series resistance of a component, or circuit,  
> at a given frequency. For resonant LC circuits, that frequency is the  
> resonance frequency. At resonance,  $X = |X_c| = |X_l|$ . Note the absolute value  
> operators, you can't have a negative Q.

This definition is close, but no cigar. The actual *definition* of Q is the ratio of reactive to resistive power in any circuit containing one or more reactive elements. For a *series* circuit, this gives the familiar  $Q = X/R$ , since the power in each element is determined by the current, which is, of course, the same in each and thus drops out of the equation. For a *parallel* circuit, such as an LC or RLC parallel "tank", the easiest way to express the ratio of powers is by using the expression

$$P = V^2/Z$$

since the voltage across each element is the same. This results in

$$Q = (V^2/X)/(V^2/R) = R/X$$

and so is the source of the apparently differing "definitions" for Q in parallel and series circuits.

|                 |       |                         |                                    |
|-----------------|-------|-------------------------|------------------------------------|
| Bob Myers       | KC0EW | Hewlett-Packard Co.     | Opinions expressed here are not    |
|                 |       | Systems Technology Div. | those of my employer or any other  |
| myers@fc.hp.com |       | Fort Collins, Colorado  | sentient life-form on this planet. |

-----  
Date: 31 Mar 93 00:16:45 GMT  
From: amdcad!amdcl2!brian@sun.com  
Subject: RFD: rec.radio.amateur reorganization  
To: info-hams@ucsd.edu

(Jeffrey D. Angus) writes:

>

> Don't do it. The more groups you create, the more groups get cross-posted  
> because people are either a) afraid their message won't be read or b) they  
> don't understand how to use thier newsgroup software.  
>  
> I can understand rec.radio.amateur.policy as a way of taking the "You're  
> wrong, I'm right" flamewars into an area people can avoid.  
>  
> I can understand rec.radio.amateur.info as a way of putting the information  
> (such as the faqs) into an area where those that feel they already know  
> everything do not have to see them.  
>  
> I can understand rec.radio.amateur.packet as a location devoid of the  
> morse/morris wars. And where the 'real hams' don't have to suscribe to no-  
> coder orientated things like machines rather than people talking to each  
> other.  
>  
> But let us not sub-divide rec.radio.amateur.misc for the benefit of those  
> who want to further narrow thier view of the hobby.  
>  
> Conclusion, it ain't broke so don't fix it.

I'm not sure I follow this logic. r.r.a.policy was created to shunt off the flame wars, but it never did that -- the flame wars are still rampant in both policy and misc. Note, however, that the policy group does contain real discussion on policy issues (which are generally not \*discussed\* in the misc group). In other words, policy \*has\* shunted a lot of the legitimate discussion of policy issues out of misc.

The info group did not unload the faqs, etc. from misc. A failure in my opinion. :-(

As you say yourself, the packet group is a very successful sub-group. I would attribute this to the narrower focus that does not support flame fests as well as misc does.

History has shown that you can't force the idiots into a group by themselves, but you can divide topics to the point where the idiots are no longer baited by the large audience.

I don't view the possible division of r.r.a.misc as a "narrowing" or division of the radio hobby. It's more like providing a good book with an index or a table of contents. I didn't think that my old physics text was broken simply because it was divided into chapters! If someone wants to concentrate on only one aspect of ham radio, then no division or consolidation of groups will change that.

Brian McMinn, N5PSS brian.mcminn@amd.com



-----  
Date: 31 Mar 93 16:31:07 NZST  
From: saimiri.primite.wisc.edu!zaphod.mps.ohio-state.edu!wupost!waikato.ac.nz!  
comp.vuw.ac.nz!newshost.wcc.govt.nz!kosmos.wcc.govt.nz!swain\_i@ames.arpa  
Subject: SBE ### 33 circuit diagram needed  
To: info-hams@ucsd.edu

Hi there I am looking for a circuit diagram for an SBE 33 Hf rig  
if you can help out please E-Mail ..

73 de Z12Ias Ian

-----  
Date: Wed, 31 Mar 1993 00:06:09 GMT  
From: usc!cs.utexas.edu!uwm.edu!linac!att!mcdchg!laidbak!tellab5!vpnet!  
pedro@network.UCSD.EDU  
Subject: Simplex autopach  
To: info-hams@ucsd.edu

Hi,

I want to set-up a Simplex Autopach, but I've always used half-duplex  
and full-duplex. I want to know what I can expect from a simplex autopach,  
is it much worse than a half-duplex?

73, pedro

--

-----  
Pedro Felzenszwalb  
e-mail: pedro@vpnet.chi.il.us  
73 de PU1PED

-----  
Date: Wed, 31 Mar 1993 07:59:36 GMT  
From: usc!elroy.jpl.nasa.gov!swrinde!emory!wa4mei!ke4zv!gary@network.UCSD.EDU  
Subject: Wanted: thoughts on glass mount ants  
To: info-hams@ucsd.edu

In article <1993Mar30.113036.1@slcsrv.slac.stanford.edu>  
gregs@slcsrv.slac.stanford.edu writes:  
>

>Believe me - it's a real pain to have to screw and unscrew your antenna  
>everytime you park your car. Call it paranoia if you'd like -- but I'd say  
>it's a little smarter to be the owner of a glass-mounted antenna that comes off  
>easily than an ex-owner of a stolen screw-in one that you thought you could  
>leave on for a few hours rather than bother taking it off again.

Uhhh... Doesn't everyone have a neon sign transformer and inverter that they hook to their antenna lead when parked? :-)

Gary

--

|                             |  |              |  |                          |
|-----------------------------|--|--------------|--|--------------------------|
| Gary Coffman KE4ZV          |  | You make it, |  | gatech!wa4mei!ke4zv!gary |
| Destructive Testing Systems |  | we break it. |  | uunet!rsiatl!ke4zv!gary  |
| 534 Shannon Way             |  | Guaranteed!  |  | emory!kd4nc!ke4zv!gary   |
| Lawrenceville, GA 30244     |  |              |  |                          |

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Date: Wed, 31 Mar 1993 03:49:06 GMT

From: usc!sdd.hp.com!zaphod.mps.ohio-state.edu!hobbes.physics.uiowa.edu!  
news.iastate.edu!pv6f14.vincent.iastate.edu!jeffries@network.UCSD.EDU

To: info-hams@ucsd.edu

References <C4oB4G.51E@rahul.net>, <1993Mar30.160513.29562@cbnews1.cb.att.com>,  
<C4qBMB.L3F@panix.com>astat

Subject : Re: Callsign server went where?

>>In article <C4oB4G.51E@rahul.net>, davidj@rahul.net (David Josephson) writes:

>>> Anyone know the current site for the callsign database server?

>>> marvin.cs.buffalo.edu is not awake.

>>>

>> Instead of "marvin" use "callsign"

"electra.cs.buffalo.edu" works fine, but "callsign.cs.buffalo.edu" does  
not (at least from Iowa State University).

Port number's the same -- 2000

--

Anthony Glen Jeffries NONRO jeffries@iastate.edu  
Journalism and Mass Communication student Iowa State University Ames, IA  
This does not necessarily represent the opinions of Iowa State University.  
N.T.S.C. -- Never Twice the Same Color Amazing Grace, How Sweet The Sound!

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Date: Wed, 31 Mar 1993 02:28:52 GMT

From: netcomsv!netcom.com!jfh@decwrl.dec.com

To: info-hams@ucsd.edu

References <1p7g6cINN4q1@morrow.stanford.edu>,  
<1993Mar30.055939.18122@bongo.tele.com>, <N4HY.93Mar30102143@tang.ccr-p.ida.org>

Subject : Re: motive ...

n4hy@tang.ccr-p.ida.org (Bob McGwier) wrote:

>I could not agree more. I bitterly resent the damage done to Boy Scouts  
>by the removal of funding from various sources.

There's been lots of discussion of this in rec.scouting. That's where it  
belongs - not here.

--

-----  
Jack Hamilton jfh@netcom.com P. O. Box 281107 SF, CA 94128-1107  
-----

Date: Wed, 31 Mar 1993 07:47:46 GMT  
From: usc!wupost!emory!wa4mei!ke4zv!gary@network.UCSD.EDU  
To: info-hams@ucsd.edu

References <1993Mar30.152614.20118@mnemosyne.cs.du.edu>,  
<1p9sklINNem5@west.West.Sun.COM>, <1993Mar30.171217.11783@mnemosyne.cs.du.edu>  
Reply-To : gary@ke4zv.UUCP (Gary Coffman)  
Subject : Re: Wanted: thoughts on glass mount ants

In article <1993Mar30.171217.11783@mnemosyne.cs.du.edu> jmaynard@nyx.cs.du.edu  
(Jay Maynard) writes:  
>Police departments don't care one whit about their cars beyond having them go  
>fast, stop straight, and corner well.

Well what else \*is\* there for a car to do? Now a truck should also be  
able to haul a couple of tons of gravel, or manure, on demand, but other  
than that I see no reason to own a vehicle that only \*looks\* like it  
might be useful.

Gary

--

|                             |  |              |  |                          |
|-----------------------------|--|--------------|--|--------------------------|
| Gary Coffman KE4ZV          |  | You make it, |  | gatech!wa4mei!ke4zv!gary |
| Destructive Testing Systems |  | we break it. |  | uunet!rsiatl!ke4zv!gary  |
| 534 Shannon Way             |  | Guaranteed!  |  | emory!kd4nc!ke4zv!gary   |
| Lawrenceville, GA 30244     |  |              |  |                          |

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Date: Wed, 31 Mar 1993 06:41:54 GMT  
From: usc!wupost!darwin.sura.net!rouge!cfm1471@network.UCSD.EDU  
To: info-hams@ucsd.edu

References <1p9sklINNem5@west.West.Sun.COM>,

<1993Mar30.171217.11783@mnemosyne.cs.du.edu>, <1pa07a\$avc@network.ucsd.edu>  
Subject : Re: Wanted: thoughts on glass mount ants

In article <1pa07a\$avc@network.ucsd.edu> brian@ucsd.edu (Brian Kantor) writes:  
>jmaynard@nyx.cs.du.edu (Jay Maynard) writes:  
>>Like the original poster, I have more respect for my truck than to drill holes  
>>in it. I haven't drilled a hole in 15 years, and don't intend to in the  
>>future, either.  
>  
>It must be a Texas thing. Around here, if anyone had that much love for  
>an inanimate object, most people would pity them and try to get them  
>professional help.  
>  
>It's got a handy-dandy genuine laminated-wood-grain masonite gun rack in  
>the back window too, eh?  
> - Brian

Brian, it must be a Louisiana thing too, because if I invest \$15,000 in  
a new vehicle, one that has depreciated almost 20% the second that I drive  
it off the lot, I make all attempts not to depreciate it more.

It must be a California thing that you have such little value for something  
that you would (should) work hard for, but with people blowing away each  
other with 12 gauge shotguns on the California freeways, hey, whats another  
hole??

Charlie

```
=====
| Charles Morrison      | cfm1471@ucs.usl.edu   | These are my views,   |
| KI5XP                | ki5xp@ucs.usl.edu    | NOT anyone elses!    |
| U. of SouthWestern   | ki5xp@ki5xp.aara.org | But who cares?       |
|      La.             | KI5XP @ K5ARH.LA     |                       |
| Lafayette, La 70506  |                       |                       |
=====
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Date: Wed, 31 Mar 1993 07:55:07 GMT  
From: usc!sdd.hp.com!swrinde!emory!wa4mei!ke4zv!gary@network.UCSD.EDU  
To: info-hams@ucsd.edu

References <1993Mar30.152614.20118@mnemosyne.cs.du.edu>,  
<1p9sklINNem5@west.West.Sun.COM>, <1993Mar30.172431.5901@samba.oit.unc.edu>  
Reply-To : gary@ke4zv.UUCP (Gary Coffman)  
Subject : Re: Wanted: thoughts on glass mount ants

In article <1993Mar30.172431.5901@samba.oit.unc.edu> Kirk.Smith@launchpad.unc.edu  
(Kirk Smith) writes:

>

>Has anyone out there done an antenna install in an Isuzu Trooper? I'd  
>really like some advice. If you haven't done a Trooper, how about anything  
>with a glued in headliner. I've thought about trying to go in through the  
>dome lights (using a depth-limited punch or drill), but I don't know how  
>I'd attach the cable or run it down from the roof.

Well I haven't done a Trooper, but I have done a Camaro. After removing  
the edge trim, carefully pull the headliner free, drill your holes and  
run your cables, then go down to the friendly auto store and get a spray  
can of headliner adhesive, spray it on the top thick, let it tack, and  
smooth the headliner back in place, put the trim back on and you're done.

Gary

--

|                             |  |              |  |                          |
|-----------------------------|--|--------------|--|--------------------------|
| Gary Coffman KE4ZV          |  | You make it, |  | gatech!wa4mei!ke4zv!gary |
| Destructive Testing Systems |  | we break it. |  | uunet!rsiatl!ke4zv!gary  |
| 534 Shannon Way             |  | Guaranteed!  |  | emory!kd4nc!ke4zv!gary   |
| Lawrenceville, GA 30244     |  |              |  |                          |

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End of Info-Hams Digest V93 #397

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